

Work Order ID 63794

Monday, November 15, 2010 8:30:20 AM

Page 1

Item ID: D350-561-141

Accept

Setup Start

Revision ID:

Stop

Item Name: Single Cargo Mirror Assembly

Start Date: 11/12/2010 Start Qty: 2.00

Cust Item ID:

Required Date: 11/19/2010 Req'd Qty: 2.00

Customer:

Reference:

Approvals:

Process Plan: M

Date: 2011/15 Tooling:

Date:

QC:

Date: SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
N/A	Rev N/A

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D350-561-141 CHG003

8/10/11/23

After BG 10-11-16

105

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

10/11/22 SP (20)

110

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

Quality Control

8/10/11/23

(2)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 63794

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Item ID: D350-561-141

Accept

Setup Start

Revision ID:

Stop

Item Name: Single Cargo Mirror Assembly

Start Date: 11/12/2010 Start Qty: 2.00

Required Date: 11/19/2010 Req'd Qty: 2.00

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

120



Packaging

Packaging

Loc 41

0.00

Res C

10/11/23 5/20

Packaging

Memo

Identify and pack for shipping as per PPP D350-561-141

0.00

130



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/11/23 9/20

ME

10-11-23

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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RESEARCH DESIGN AND METHODS

Start Date: 11/12/2010

Required Date: 11/19/2010

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP A 07.07.26 new issue (DSI9379) EC verified by:JLM IPP rev
B 10.02.16 per ecn 10-523 EC verified by: DD IPP Rev:C add pick kit
DD 10.03.15 verified by:EC IPP Rev:D 10.09.14 per IIN revD
DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2011-101 6" Mirror		Manufactured	No			105	Each	16.0000	1	2			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST227				16					
				61742				16					
D2012-105 Arm		Manufactured	No			105	Each	14.0000	1	2			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST229				14					
				59807				4					
				60426				10					
D2012-107 Clevis		Manufactured	No			105	Each	28.0000	1	2			
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST004				28					
				46634				2					
				62242				26					

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Monday, November 15, 2010 8:30:24 AM

Work Order ID: 63794

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 11/12/2010

Required Date: 11/19/2010

Start Qty: 2.00

Required Qty: 2.00

D2012-111

Manufactured No

105

Each

23.0000

1

SZ 
Bracket



2
10/11/22 SF

Location

Loc Qty

Loc Code

ST004

23

40148

3

62051

20

2

D2012-115

Manufactured No

105

Each

44.0000

1

SZ 
Bracket, Clevis



2
10/11/22 SF

Location

Loc Qty

Loc Code

ST004

44

25581

44

2
4

D2022-101

Manufactured No

105

Each

124.0000

2

SZ 
Spacer



2
4
10/11/22 SF

Location

Loc Qty

Loc Code

ST504

124

50746

23

52325

10

61990

10

63318

81

4

D3629-1

Manufactured No

105

Each

25.0000

1

SZ 
Bracket



2
10/11/22 SF (20)

Location

Loc Qty

Loc Code

ST244A

25

62064

5

62341

20

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Monday, November 15, 2010 8:30:25 AM

Work Order ID: 63794

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 11/12/2010

Required Date: 11/19/2010

Start Qty: 2.00

Required Qty: 2.00

D3635-1

Manufactured No

105 Each

29.0000

1



Gasket

Location

Loc Qty

Loc Code

ST076

29

62340

29

D3646-1

Manufactured No

105 Each

15.0000

1



Arm

Location

Loc Qty

Loc Code

ST229

15

60428

7

62343

8

D3646-3

Manufactured No

105 Each

15.0000

1



Arm

Location

Loc Qty

Loc Code

ST229

15

60429

8

62342

7

D4070-041

Manufactured No

105 Each

28.0000

2



Clamp

Location

Loc Qty

Loc Code

ST460

28

62689

28

10/11/22

2
10/11/22

2
10/11/22

2
10/11/22

4

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Picklist Print

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Work Order ID: 63794

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 11/12/2010

Required Date: 11/19/2010

Start Qty: 2.00

Required Qty: 2.00

AN3-4A

Purchased

No

105

Each

1,075.000

3

6



Bolt



10/11/22 SL

Location

Loc Qty

Loc Code

ST350

1075

104214

72

104291

300

104322

200

104374

200

104625

300

104817

3

3

AN3-5A

Purchased

No

105

Each

1,365.000

3

6



Bolt



10/11/22 SL

Location

Loc Qty

Loc Code

ST350

1365

105057

365

115016

500

115371

500

6

AN3-6A

Purchased

No

105

Each

186.0000

1

2



Bolt



10/11/22 SL

Location

Loc Qty

Loc Code

ST351

186

114941

186

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Picklist Print

Monday, November 15, 2010 8:30:25 AM

Work Order ID: 63794

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 11/17/2010

Required Date: 11/19/2010

Start Qty: 2.00

Required Qty: 2.00

AN4-5A

Purchased

No

105

Each

206.0000

3



Bolt

Location

Loc Qty

Loc Code

ST356

206

115016

100

115767

6

115936

100

AN4-10A

Purchased

No

105

Each

91.0000

1



Bolt

Location

Loc Qty

Loc Code

ST356

91

113422

1

114523

50

115835

40

AN960JD10

NAS1149D0363J

Purchased

No

105

Each

8.0000

8



Washer

Location

Loc Qty

Loc Code

ST

6

107715

6

ST335

2

105792

2

AN960JD416

NAS1149D0463J

Purchased

No

105

Each

24.0000

8



Washer

Location

Loc Qty

Loc Code

ST300

24

113288

24

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Picklist Print

Monday, November 15, 2010 8:30:25 AM

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Work Order ID: 63794

Parent Item: D350-561-141

Parent Item Name: Single Cargo Mirror Assembly

Start Date: 11/12/2010

Required Date: 11/19/2010

Start Qty: 2.00

Required Qty: 2.00

MS21042L3

Purchased

No

105

Each

1,783.000

4

8



Nut



10/11/22sf

Location

Loc Qty

Loc Code

ST300

1783

114784

783

115835

1000

8

MS21042L4

Purchased

No

105

Each

2,556.000

4

8



Nut



10/11/22sf

Location

Loc Qty

Loc Code

ST300

2556

113422

25

114523

8

115589

1423

115621

1100

8

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

5. PARTS LIST

Qty -041	Qty -043	Qty -045	Qty -141/	Qty -143	Part Number	Description
X	1				D350-561-041	SINGLE MIRROR INSTALLATION
	X				D350-561-043	DUAL MIRROR INSTALLATION
	1	X		1	D350-561-045	MIRROR KIT
			X	1	D350-561-141	SINGLE MIRROR INSTALLATION
				X	D350-561-143	DUAL MIRROR INSTALLATION
1		1	1		D2011-101	Mirror
1					D2012-101	Arm
1					D2012-103	Arm
1			1		D2012-105	Arm
2			1		D2012-107	Clevis
1					D2012-109	Bracket
1			1		D2012-111	Bracket
4		2			D2012-113	Clamp
1			1		D2012-115	Bracket
4			2		D2022-101	Spacer
4					D2856-100-325	Abrasion Strip
1*		1*	1*		D3014-1	Locknut
			1		D3629-1	Bracket
			1		D3635-1	Gasket
		2			D3635-3	Gasket
			1		D3646-1	Arm
			1		D3646-3	Arm
			2		D4070-041	Clamp
2		2	3		AN3-4A	Bolt
2			3		AN3-5A	Bolt
1			1		AN3-6A	Bolt
2			1		AN4-10A	Bolt
3			3		AN4-5A	Bolt
14		4	8		AN960JD10	Washer
9		2	8		AN960JD416	Washer
1*		1*	1*		AN960JD416L	Washer
5		2	4		MS21042L3	Nut (or MS21042-3)
5			4		MS21042L4	Nut (or MS21042-4)

*INCLUDED AS PART OF D2011-101 MIRROR